



(19) Europäisches Patentamt

European Patent Office

Office européen des brevets



(11) Publication number : 0 634 870 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number : 94303735.8

(51) Int. Cl.⁶ : H04N 7/24, H04N 7/56

(22) Date of filing : 25.05.94

(30) Priority : 16.07.93 JP 176695/93

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(43) Date of publication of application :
18.01.95 Bulletin 95/03

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(84) Designated Contracting States :
DE FR GB

(88) Date of deferred publication of search report :
19.04.95 Bulletin 95/16

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(54) Synchronizing system for time-divided video and audio signals.

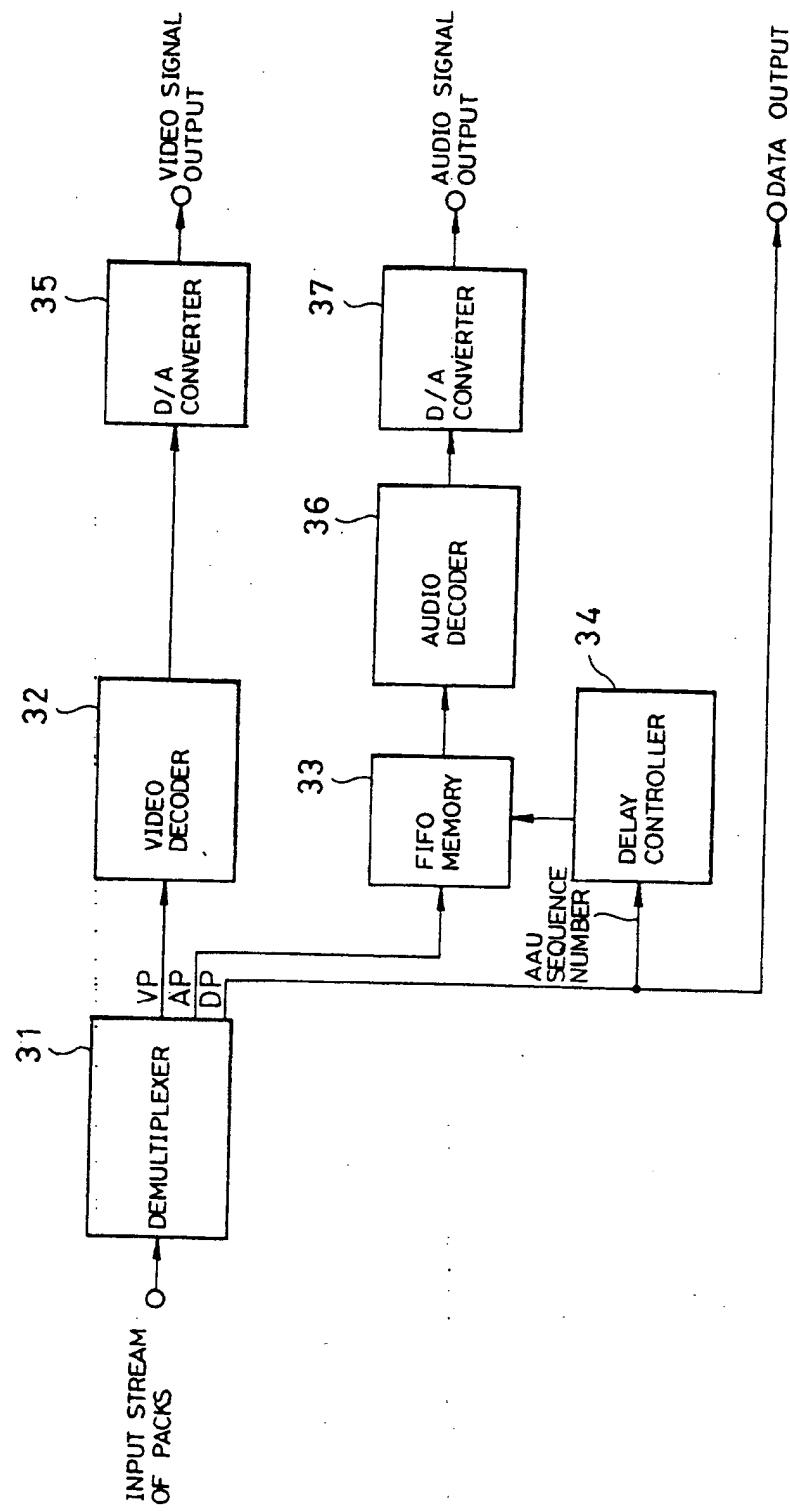
(57) A synchronizing system accomplishes
synchronous reproduction for video and audio
signals. The number of unit audio data blocks to
be put in one pack is set in such a way that the
difference between the presentation start times
for the stream of video data and the stream of
audio data in one pack in a predetermined pack
period becomes a predetermined value, and the
pack carries positional information of the pack
in the predetermined pack period to the pack. In
a reproducing apparatus, the difference be-
tween presentation start times for video signals
and audio signals in each pack is acquired by
referring to positional information (AAU se-
quence number) in a stream of packs, transferred
by the above transmission method, and at least
one of the presentation start times for video
signals and audio signals in the stream of packs

is controlled so that the difference between the
presentation start times coincides with the dif-
ference between the presentation start times
corresponding to the positional information.

EP 0 634 870 A3

FIG.10

EP 0 634 870 A3





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EUROPEAN SEARCH REPORT

Application Number
EP 94 30 3735

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	H04N7/24 H04N7/56
A	SIGNAL PROCESSING. IMAGE COMMUNICATION, vol.4, no.2, April 1992, AMSTERDAM NL pages 153 - 159, XP000273161 MACINNIS 'The MPEG systems coding specification' * page 153, right column, last paragraph - page 154, right column, paragraph 3 * * page 157, left column, paragraph 2 - page 158, right column, paragraph 1 * * figures *	1,3-5,7, 8	H04N7/24 H04N7/56
A	PRESTON (EDITOR) 'Compact Disc-Interactive A Designer's Overview' 1991 , KLUWER , DEVENTER, NL * page 112, paragraph 4 - page 114, paragraph 3 *	1,3-5,7, 8	H04N7/24 H04N7/56
A	PATENT ABSTRACTS OF JAPAN vol. 14, no. 568 (E-1014) 18 December 1990 & JP-A-02 246 432 (FUJITSU LIMITED) 2 October 1990 * abstract *	1,5	H04N7/24 H04N7/56
P,A	CA-A-2 102 928 (MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD) 18 May 1994 & EP-A-0 598 295 (MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD) 25 May 1994 * column 2, line 14 - line 47 * * claims 1-9,11-14 * * figure 3 *	1,3-5,7, 8	H04N7/24 H04N7/56
T		1,3-5,7, 8	H04N7/24 H04N7/56
The present search report has been drawn up for all claims			H04N7/24 H04N7/56
Place of search		Date of completion of the search	Examiner
THE HAGUE		21 February 1995	Dippe1, U
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			